

P18663.A08

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kazutoshi YASUNAGA et al.

Appl. No: 09/440,093

Filed: November 15, 1999

For: EXCITATION VECTOR GENERATOR, SPEECH CODER AND SPEECH  
DECODER



Group Art Unit : 2748600

Examiner:

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Technology Center

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56, §1.97-1.98, and supplemental to the Supplemental Information Disclosure Statement filed on August 2, 2000, Applicants hereby call the following documents, which were cited in a European Search Report, mailed on February 14, 2001, in corresponding EP Application No. 00 12 6875, issued by the European Patent Office to the Examiner's attention:

(1) An article entitled "A Complexity Reduction Method for VSELP Coding Using Overlapped Sparse Basis Vectors" by S. J. KIM et al., 1994 Proceedings of the International Conference on Signal Processing Applications and Technology, October 18, 1994, was cited as a "A" category document (i.e., a document of technological background) with respect to claims 1, 2, 12, and 13 of the European Application. The Examiner indicated that figure 1 and paragraph 0III are relevant;

(2) EP 680 032, assigned to NIPPON ELECTRIC CO., published November 2, 1995, was cited as an "A" category document with respect to claims 1, 2, 12, and 13 of the European application. The European Examiner indicated page 5, line 48 - 57 as being relevant;

(3) JP 5-281999, published on October 29, 1993, and an English Abstract of the same, was cited as an "A" category document with respect to claims 1, 2, 12, and 13 of the European application. The European Examiner indicated the abstract as being relevant;

(4) U.S. Patent No. 5,293,499 to TZENG, issued on March 8, 1994, was cited as an "A" category document with respect to claims 1, 2, 12, and 13 of the European application. The European Examiner indicated figure 4 as being relevant; and claim 11 of the European application; and

(5) U.S. Patent No. 5,060,269 to ZINSER, issued on October 22, 1991 was cited as an "X" category document (i.e., particularly relevant if taken alone) with respect to claim 11. The European Examiner indicated the abstract and figure 3 as being relevant.

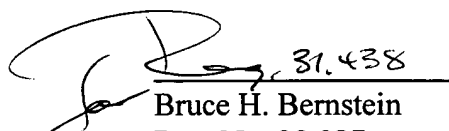
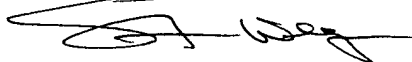
Along with a copy of the European Search Report, a copy of document (5) is attached and is listed on a PTO-1449 Form, which is also attached hereto. Copies of documents (1) to (4) were previously submitted to the Examiner and thus, are not provided herein. The Examiner is respectfully requested to consider each listed document and to indicate such consideration by initialing the appropriate spaces on the attached PTO-1449 Form and to return a copy of the signed form to Applicants with the next official communication in the present application to confirm consideration of these documents.

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Applicants note that the present Information Disclosure Statement is being submitted prior to the mailing of an action on the merits, and thus, no fee is required to be paid to ensure consideration of the cited materials.

If there are any questions, the Examiner may contact the undersigned at the below listed number.

Respectfully submitted,  
K. YASUNAGA et al.



Reg. 31,438  
Bruce H. Bernstein  
Reg. No. 29,027

March 5, 2001  
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